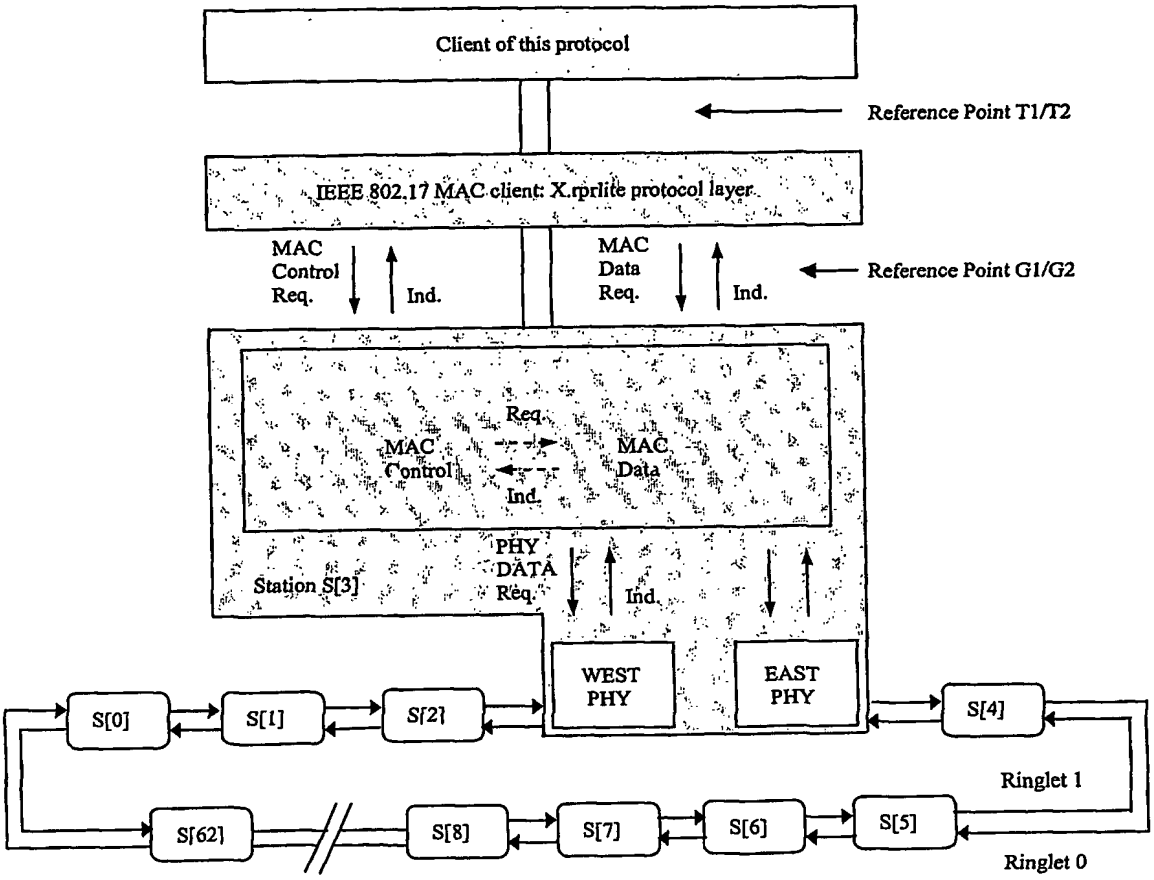


FIG. 1

MAC Architecture of IEEE 802.17 Lite based on MSR

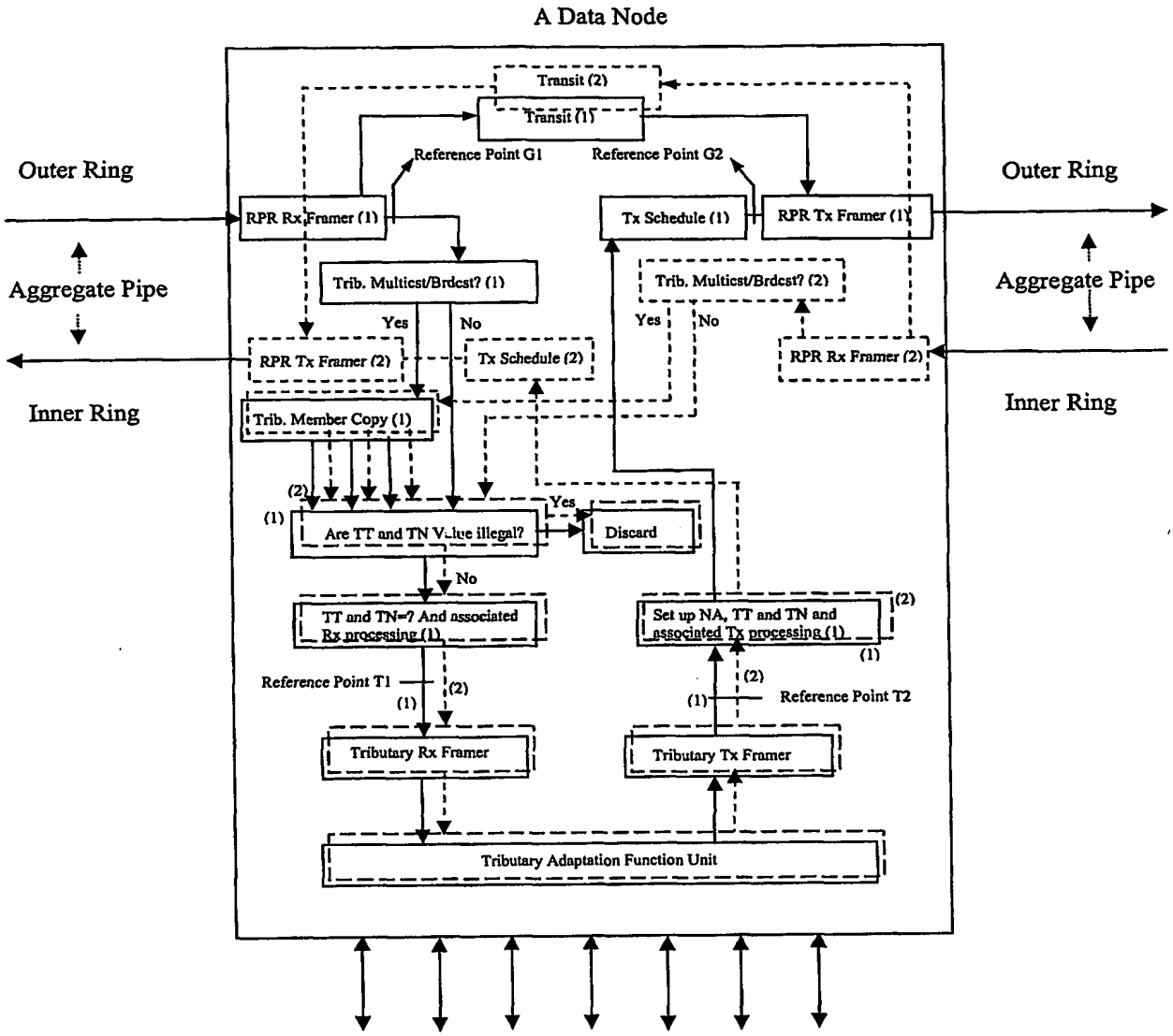


FIG. 2

Tx and Rx Diagram of a Data Node

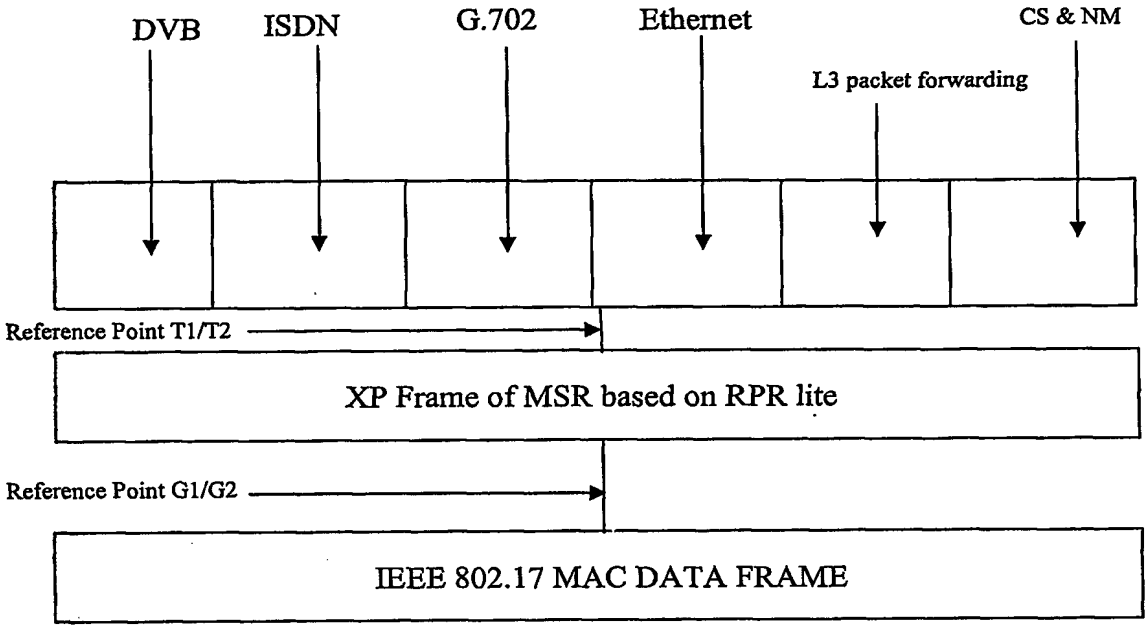


Fig. 3

Generic Protocol Stack of MSR Based on RPR Lite

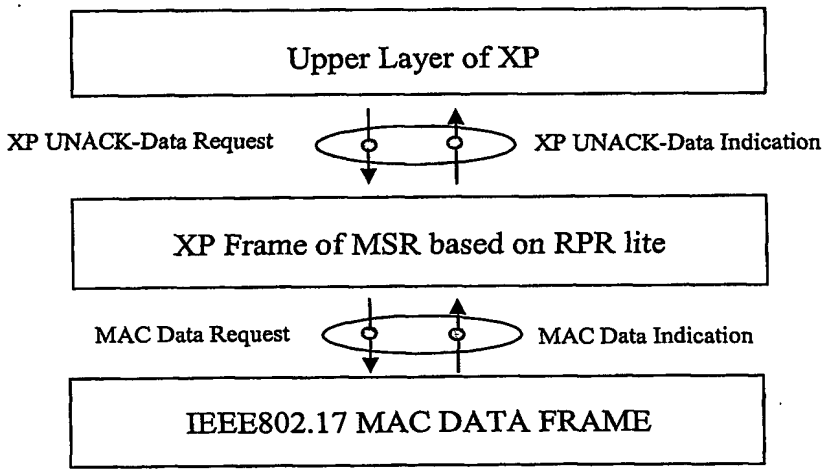
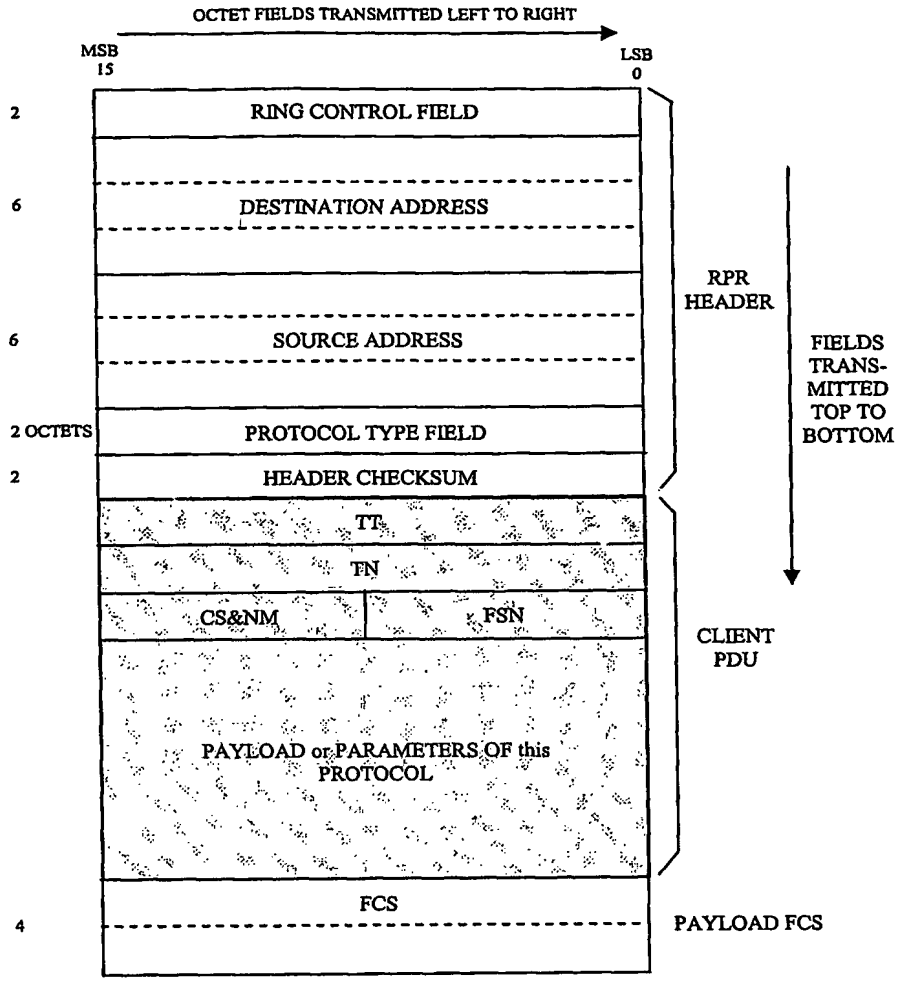


Fig. 4

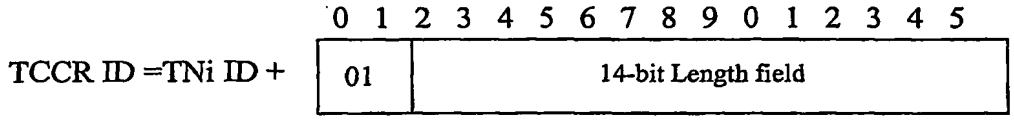
Relationship between XP and RPR MAC, Upper Layer and XP



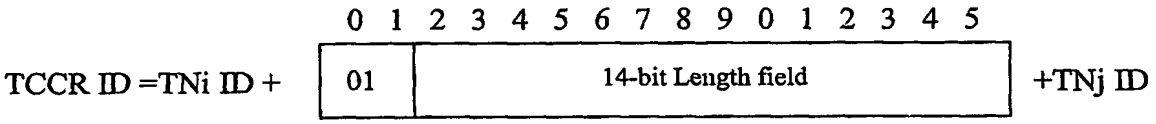
FE field = "0", PT field = "3", Protocol type field is a fixed value.

Fig. 5

Generic Frame Format



Node based multicast/broadcast Mode



Unicast Mode

Fig. 6

Expressions of TN ID and TCCR ID

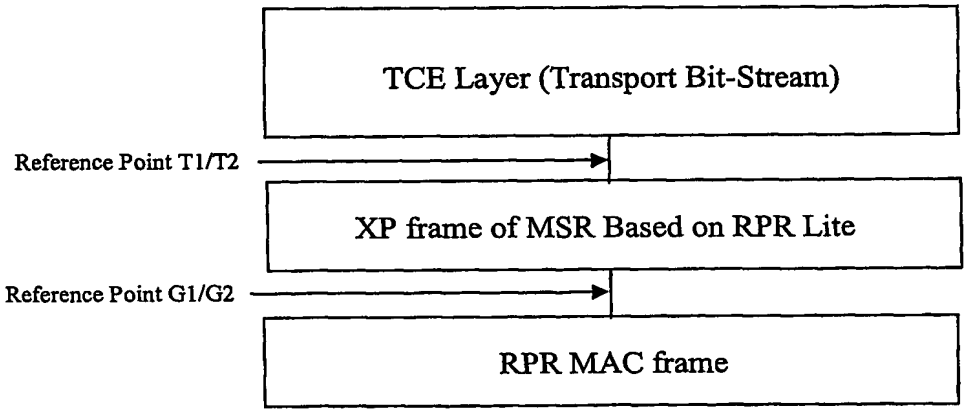
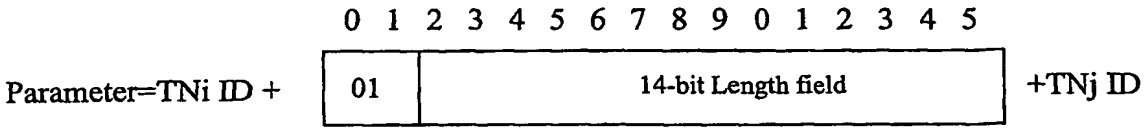


FIG. 7

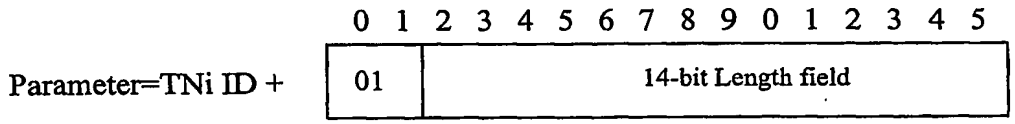
TDM SERVICE CHANNEL OVER RPR MAC FRAME USING XP



Full duplex point-to-point Mode

Fig. 8

Expressions of 1+1 and 1:1 tributary protection parameters

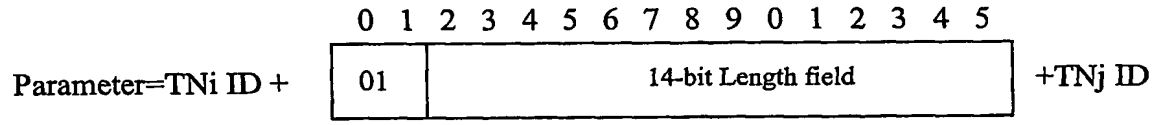


+TNj ID +TNk ID + TNm ID +.....

Full duplex point-to-point Mode

Fig. 9

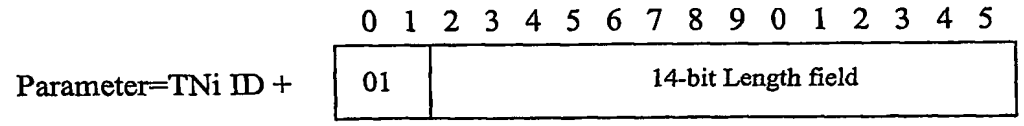
Expressions of 1:N tributary protection parameter



Full duplex point-to-point Mode

Fig. 10

Expressions of 1+1 and 1:1 tributary protection parameters



+TNj ID +TNk ID + TNm ID +.....

Full duplex point-to-point Mode

Fig. 11

Expressions of 1:N tributary protection parameter

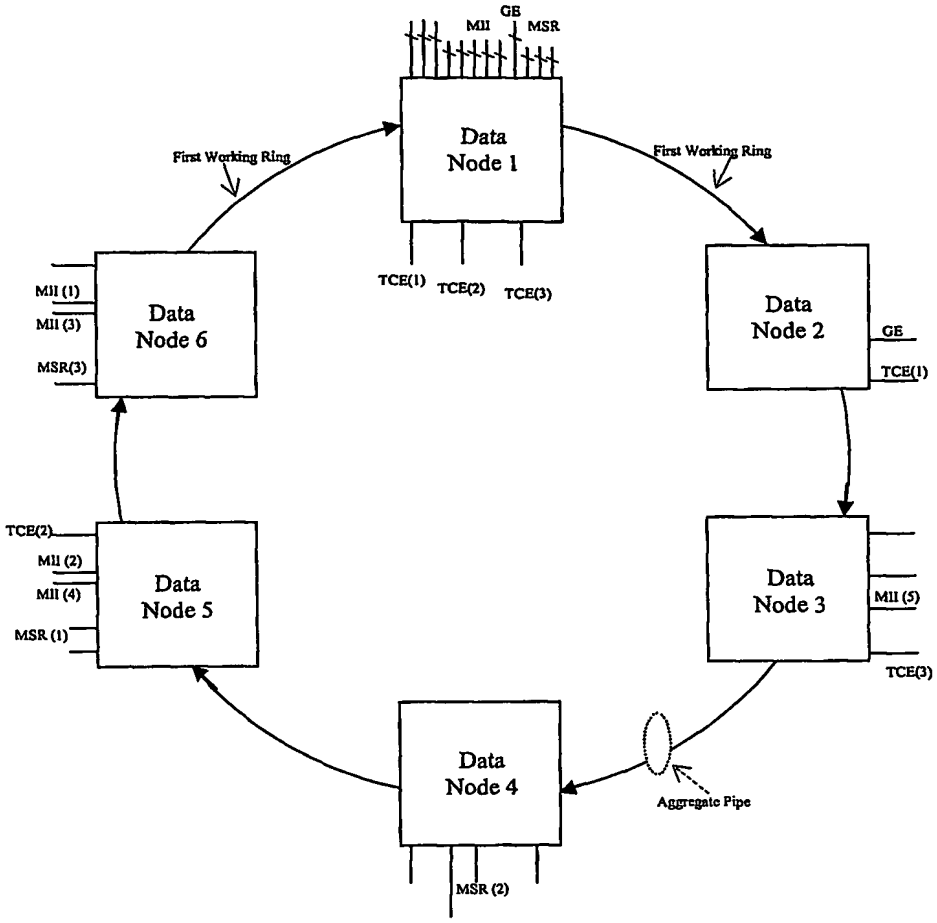


FIG. 12

The Single Fibre Ring of RPR

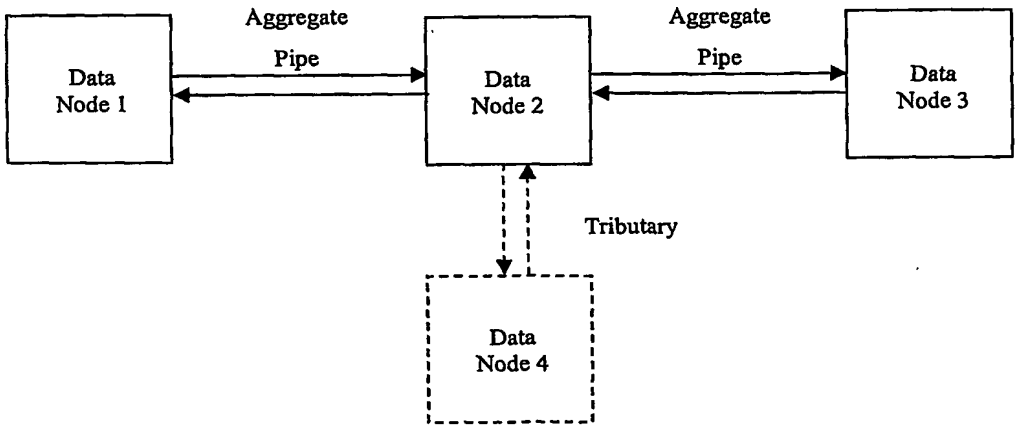


FIG. 13

A RPR Topology, Link-type with Adding and Dropping Tributary Services

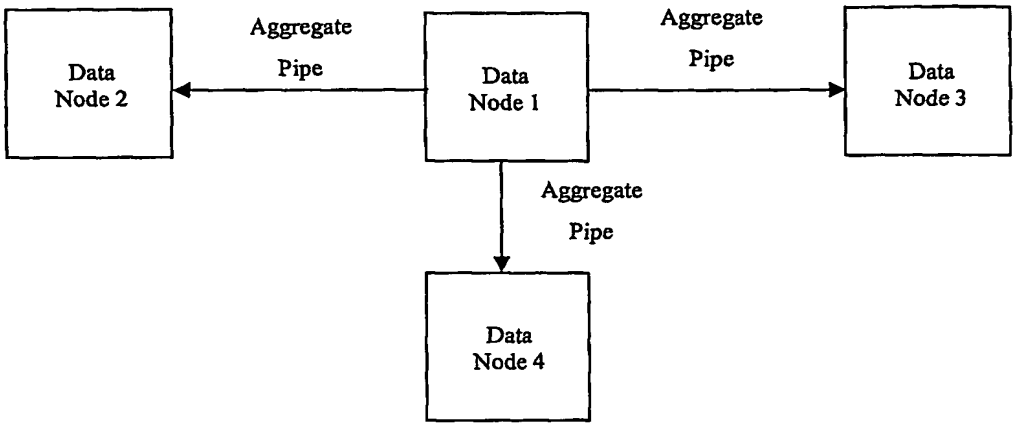


FIG. 14

A RPR Topology, Broadcast Conn_ction to DVB Application

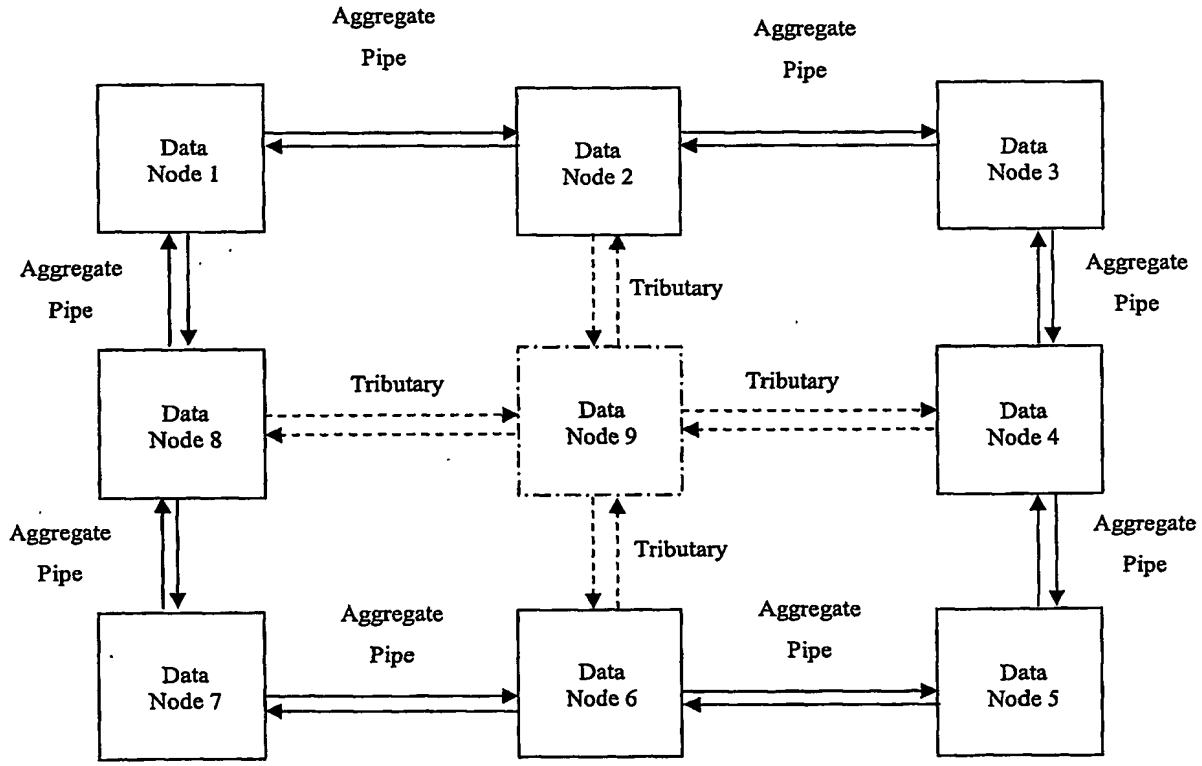


FIG. 15

A RPR Lite Topology, Pseudo-mesh Connection

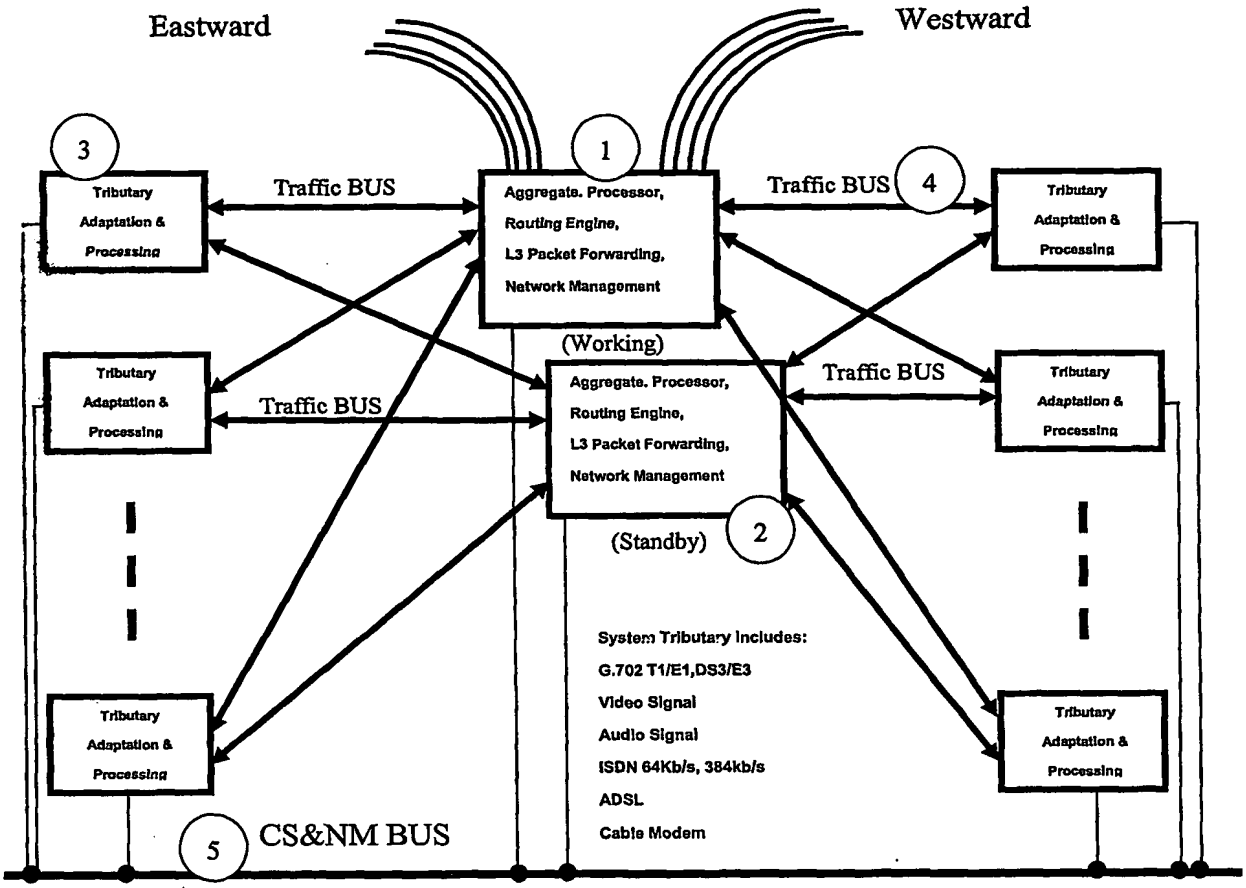


FIG. 16

The Physical Architecture of a RPR Lite node (Out-of-band CS&NM Bus)

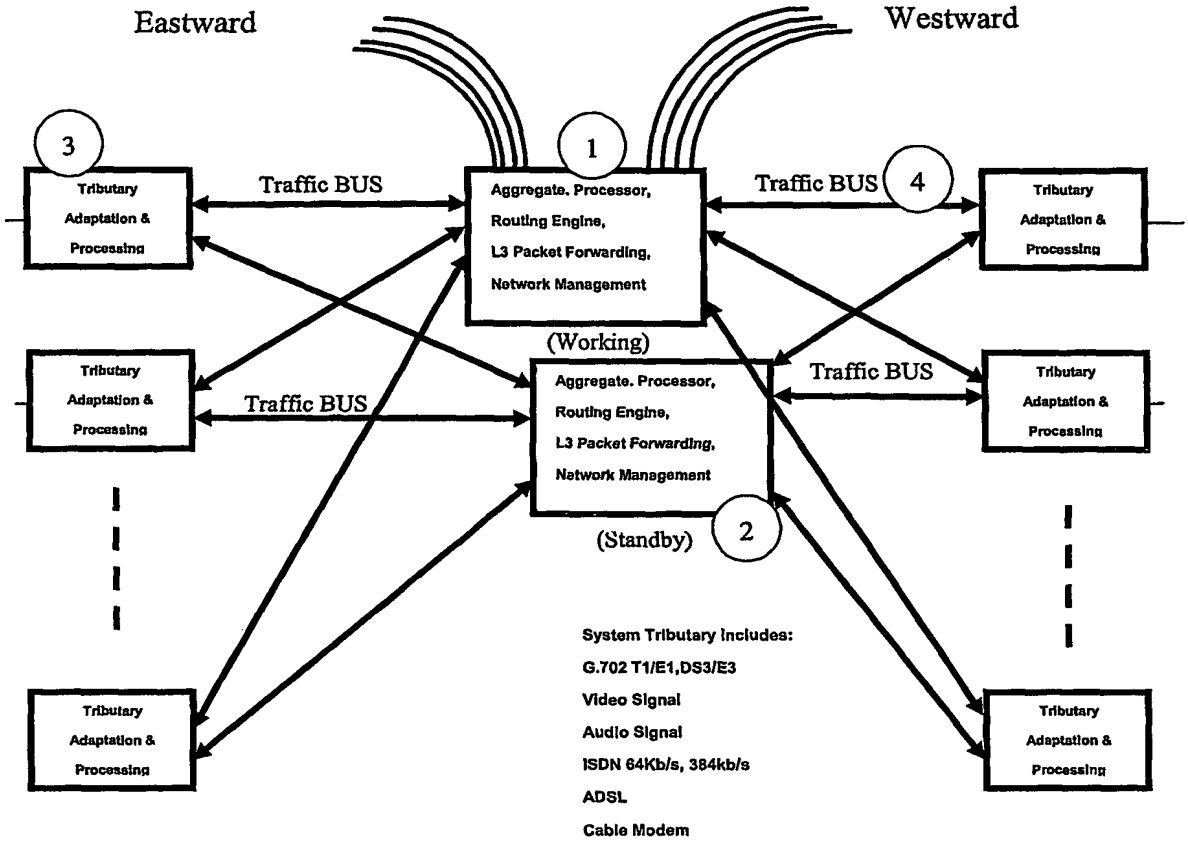


FIG. 17

The Physical Architecture of a RPR Lite node (in-band CS&NM Bus)

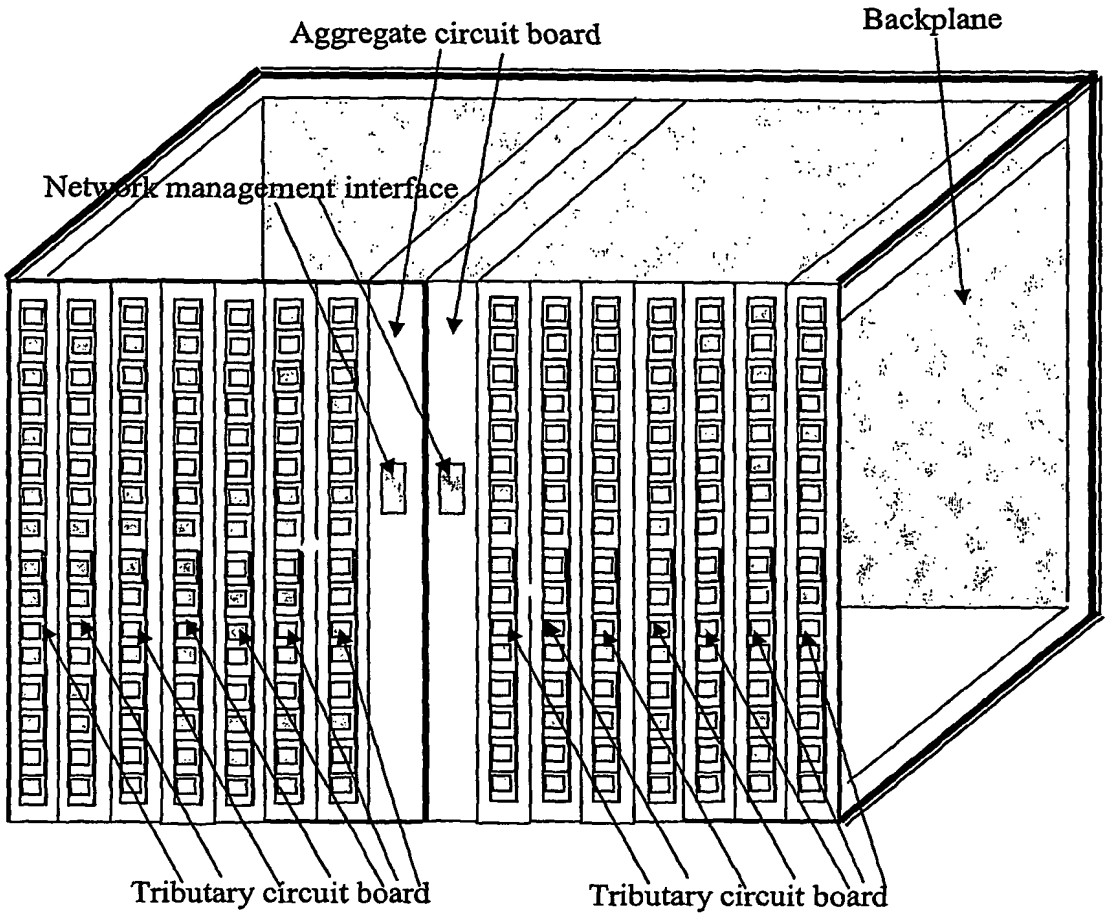


FIG. 18

Layout of system equipment of a RPR Lite node